

Resolver to Digital 16bit Parallel ± 4 arcmin 44-Pin PLCC Tube

Manufacturer: [Analog Devices, Inc](#)

Package/Case: PLCC

Product Type: Data Conversion ICs

Lifecycle: Obsolete



Images are for reference only

[Inquiry](#)

General Description

AD2S82AKP is a 12-bit, Resolver-to-Digital Converter (RDC) that converts resolver signals into digital signals. The device is manufactured by Analog Devices, a company that produces a variety of analog and mixed-signal semiconductors.

Key Features

12-bit resolution

Monolithic, Resolver-to-Digital Converter (RDC)

Analog sine/cosine inputs

Differential analog input range of ± 3.0 V

3-wire SPI serial interface

Operating temperature range of -40°C to $+105^{\circ}\text{C}$

Application

Robotics

Servo motors

Industrial automation

Aerospace and defense

Medical equipment



Recommended For You

AD7305BRZ

Analog Devices, Inc

SOP20

AD9910BSVZ

Analog Devices, Inc

TQFP100

AD9831ASTZ

Analog Devices, Inc

QFP

AD5447YRUZ

Analog Devices, Inc

TSSOP

AD5302BRMZ

Analog Devices, Inc

MSOP10

AD5531BRUZ

Analog Devices, Inc

TSSOP16

AD537JH

Analog Devices, Inc

CAN10

AD652AQ

Analog Devices, Inc

DIP

AD654JN

Analog Devices, Inc

DIP8

AD7740YRMZ

Analog Devices, Inc

MSOP8

AD9914BCPZ

Analog Devices, Inc

LFCSP

AD73311ARSZ

Analog Devices, Inc

SSOP20

AD7291BCPZ

Analog Devices, Inc

LFCSP20

AD9954YSVZ

Analog Devices, Inc

QFP

AD2S1205YSTZ

Analog Devices, Inc

LQFP44